



Role of APN for GEOSS Asia-Africa Water Cycle Initiative

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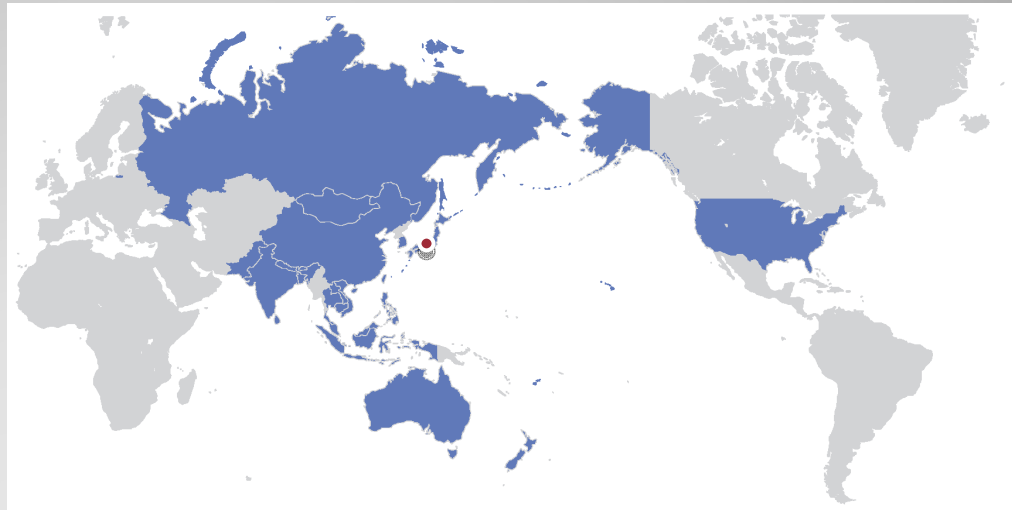
GEOSS Joint Asia-Africa Water Cycle Symposium
25 – 27 November 2013, Tokyo Japan

What is APN



An inter-governmental network of 22 countries in the Asia-Pacific to foster global change research in the region

- Established **1996**
- Secretariat in **Kobe**, Japan since 1999
- Financial contribution from four donor countries: **Japan (+ Hyogo), USA, Republic of Korea, New Zealand**
- Financial Resources: **US\$ 3.4 Million** (2013/14)



** Pacific Island Countries, Singapore, Myanmar and Maldives are approved countries whose scientists are eligible to receive funding under APN awards.*





- Supporting **regional cooperation** in global change research on issues particularly relevant to the region
- Strengthening appropriate **interactions among scientists and policy makers**, and providing scientific input to policy decision-making and scientific knowledge to the public
- Improving the **scientific and technical capabilities** of nations in the region including the transfer of know-how and technology
- Cooperating with **other global change networks and organisations**

Major Activities (2013/14)

- Funding **regional research** projects (ARCP)
- Funding **capacity building/development** projects (CAPaBLE)
- Focused activities through 3 frameworks
 - **Low Carbon Initiatives** (2012)
 - **Climate Adaptation** (2013)
 - **Biodiversity and Ecosystem Services** (2013)
- Strengthening science-policy linkages

More than 70 projects annually

APN Involvement in Water Related Issues in Asia and Pacific

- **APN support for the water related issue are diverse, as example APN third strategic plan address following topics**
 - Regional scenarios for climate change including climate extremes
 - Climate change and climate variability in cryosphere and water and food security
 - Changes in the carbon cycle and the water cycle
 - Freshwater ecosystems, lakes and rivers
 - Water quality and quantity, water reuse
 - Downscaled climate change scenarios
 - Extreme weather events and water ocean hazards
 - Regional water resource issues related to international river flows
- **APN have funded more than 66 projects water related issues throughout the APN history under ARCP, CAPaBLE, LCI, EBLU and RUSD**
- **2013 Annual call for Proposal**
 - **Topics of interest under the 2013 Annual Calls for Proposals**
 - Water security (inland and ocean): in the face of extreme events; including management, quantity, quality, etc.

APN Involvement in Water Related Issues in Asia and Pacific

- **Special Call for Proposal on adaptation, disaster risk reduction, loss and damage**
 - **Activities of high priority**
 - Development of high-resolution observational, model and downscaled datasets that can contribute to filling data gaps
 - Sharing of needs-oriented data
 - Calibration and validation of regional climate models; and analysis of projections and assessment of uncertainties
 - **Under APN low carbon Initiatives framework**
 - Understanding and Quantifying the Water-Energy-Carbon Nexus for Low Carbon Development in Asian Cities -[LCI2012-02NMY\(R\)-Dhaka](#)
 - APN Recent Published book “**Climate in Asia and the Pacific: Security, Society and Sustainability**” has a main chapter **Security: food, water, energy** which address the water security issues of Asia and Pacific



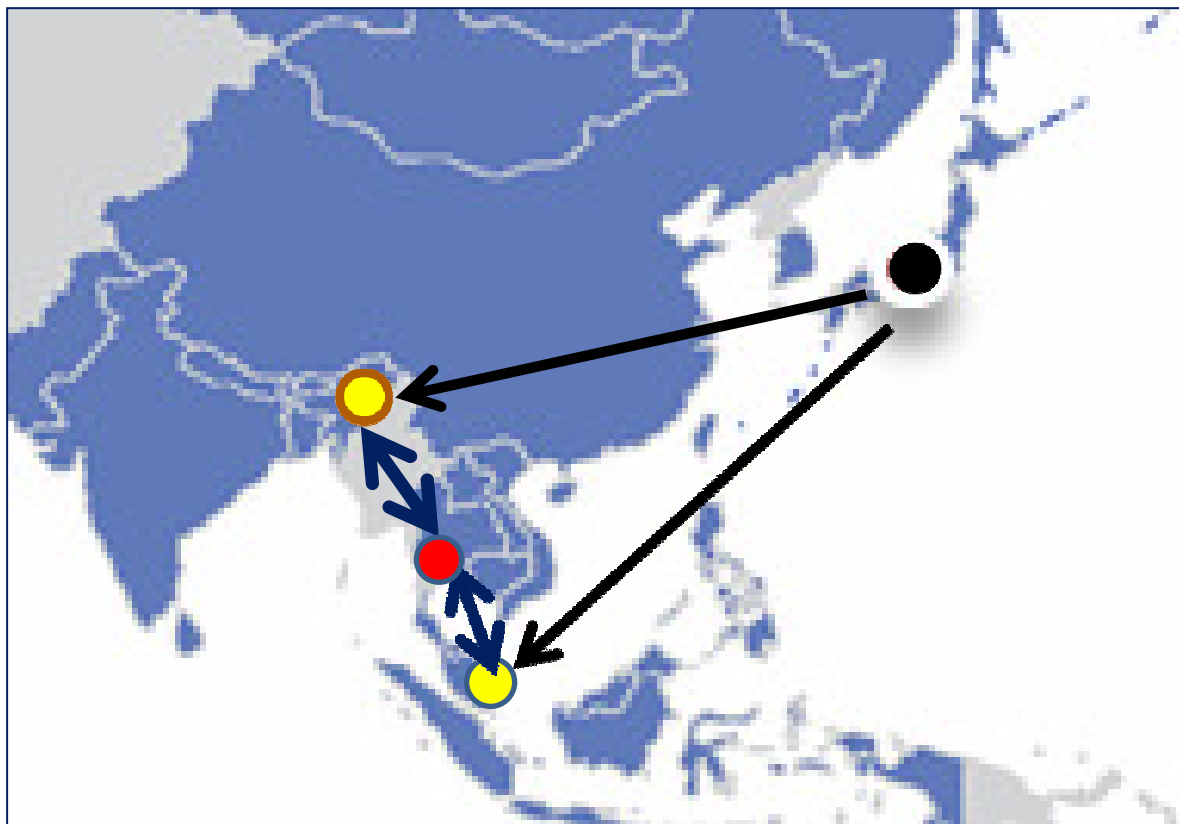
APN & AWCI PARTNERSHIP

APN contribution towards the GEOSS/AWCI Activities

- APN has supported to AWCI Phase 1 where AWCI collected In-situ data from the basins and also contributed to start AWCI phase 2, which targets closer cooperation with operational sector.
- Total Financial contribution **733,250 USD**
 - 5 ARCP Projects
 1. ARCP2013-11CMY-Yabe
 2. ARCP2011-02CMY-Koike
 3. ARCP2011-05CMY-Bae
 4. ARCP2009-01CMY-Fukami
 5. ARCP2007-02CMY-Koike
 - 4 CAPaBLE Projects
 1. CBA2012-03NMY-Rasul
 2. CBA2011-02CMY-Kaihotu
 3. CBA2009-02CMY-Ishida
 4. CBA2009-01CMY-Ailikun

Way Forward – Matching finance development

Promoting joint programmes to support regional/sub-regional activities through matching fund by APN and a research programme of a developing member country

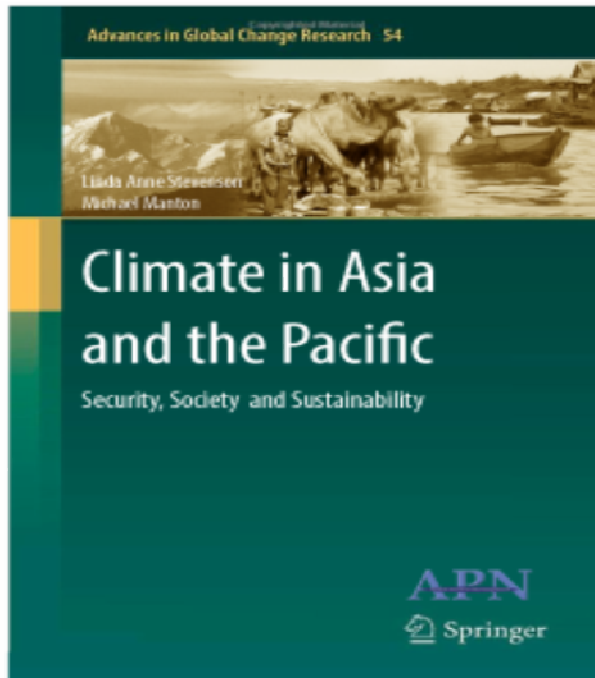


- Government A**
Supporting researchers in the country
- Collaborators**
Engaging in & supporting research and CB in partnering countries
- APN**
Supporting researchers in partnering countries

Way Forward – Outreach towards Africa

- APN is requested by stakeholders to further enhance collaboration with organizations and networks outside the Asia-Pacific region (i.e., at the APN side event at the UNFCCC/COP19, etc.) .
- Global Adaptation Network (GAN) was established by UNEP, and formally announced at the UNFCCC/COP19 Side Event (18 November 2013).
- GAN will collaborate with regional networks including Asia Pacific Adaptation Network (APAN) established in 2009, which is partnering APN from the context of adaptation research & capacity building activities.
- For example, it is possible that APN could launch outreach activities to African networks thorough GAN

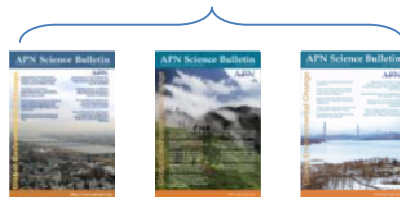
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